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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number	
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First Named Inventor	Donald J. Graham
Group Art Unit	
Examiner Name	
Attorney Docket Number	21471P

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author, title, date, page(s), volume-issue number(s) and place of publication.
/ZL/	A	NCBI, AF177036 Hepatitis C virus... [gi:6010579] Oct 5, 1999
	B	NCBI, P26661 Genome polyprotein [gi: 130468] June 15, 20002
	C	NCBI, D17763 Hepatitis C Virus [gi: 514395] February 4, 1999
	D	Bartenschlager et al. 'Nonstructural Protein 3 of the Hepatitis C Virus... at the NS3/4 and NS4/5 Junctions', Journal of Virology, Vol 67, No. 7, pp 3835-3844 July 1993
	E	Beaulieu, et al. 'Non-Nucleoside Inhibitors of the Hepatitis C Virus NSSB...Benzimidazole Derivatives', Bioorganic & Medicinal Chemistry Letters, Vol. 14 pp 119-124 (2004)
	F	Behrens et al. 'Identification and Properties of the RNA-Dependent RNA Polymerase of Hepatitis C Virus, EMBO, Vol 15, No. 1, pp 12-22 (1996)
	G	Carroll, et al.. 'Inhibition of Hepatitis C Virus RNA Replication by 2'-Modified Nucleoside Analogs', Journal of Biological Chemistry, Vol. 278, No. 14, Issue of April 4, pp 11979-11984 (2003)
	H	Choo et al., 'Isolation of a cDNA Clone Derived from a Blood-Borne Non-A, Non-B Viral Hepatitis Genome', Science, Vol. 244pp 359-361, (April 1989)
	I	De Francesco et al. 'RNA-Dependent RNA Polymerase of Hepatitis C Virus', Methods in Enzymology, Vol. 275, pp 58-67, 1996.
	J	Farci et al. 'Clinical Significance of Hepatitis C Virus Genotypes and Quasispecies', Seminars in Liver Disease, Vol. 20, No. 1, pp 103-125 (2000)
	K	Ferrari, et al. 'Characterization of Soluble Hepatitis C Virus RNA-Dependent RNA Polymerase Expressed in Escherichia coli', Journal of Virology, Vol. 73, No. 2, pp 1649-1654 (Feb 1999)
	L	Grakoui, et al. 'A Second Hepatitis C Virus-Encoded Proteinase', Proc. Natl. Sci. USA, Vol 90, pp 10583-10587 (November 1993)
	M	Huikata, et al. 'Proteolytic Processing and Membrane Association of Putative Nonstructural Proteins of Hepatitis C Virus, Vol. 90, pp 10773-10777 (November 1993)
	N	Kolykhalov et al. 'Transmission of Hepatitis C by Intrahepatic Inoculation with Transcribed RNA', Science, Vol. 277 pp 570-574, (July 25, 1997)
/ZL/	O	Kuo et al., 'An Assay for Circulating Antibodies to a Major Etiologic Virus of Human Non-A, Non-B Hepatitis', Science, Vol 244, pp 362-364 (1989)

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author, title, date, page(s), volume-issue number(s) and place of publication.
/ZL/	P	Leveque et al. 'Identification of a C-Terminal Regulatory Motif in Hepatitis C Virus RNA-Dependent RNA Polymerase: Structural and Biochemical Analysis', Journal of Virology, Vol 77, No. 16, pp 9020-9028 (August 2003)
	Q	Lohmann et al. 'Biochemical and Kinetic Analyses of NSB RNA-Dependent RNA Polymerase of the Hepatitis C Virus', Virology, Vol. 249, pp 108-118 (1998)
	R	Luo et al. 'De Novo Initiation of RNA Synthesis by the RNA-Dependent RNA Polymerase (NS5B) of Hepatitis C Virus', Journal of Virology, Vol. 74, No. 2, pp 851-863 (January 2000)
	S	Migliaccio et al. 'Characterization of Resistance to Non-Obligate Chain-Terminating Ribonucleoside Analogs that Inhibit Hepatitis C Virus Replication in Vitro', Journal of Biological Chemistry, Vol. 278, No. 49, Issue of December 5, pp 49164-49170 (2003)
	T	Mizushima et al. 'Analysis of N-Terminal Processing of Hepatitis C Virus Nonstructural Protein 2', Journal of Virology, Vol. 68, No. 4 pp 2731-2734 (April 1994)
	U	Oh, et al. 'A Recombinant Hepatitis C Virus RNA-Dependent RNA Polymerase Capable of Copying the Full-Length Viral RNA', Journal of Virology, Vol. 73, No. 9, pp 7694-7702 (Sept. 1999)
	V	Okamoto et al. 'Full-length Sequence of a Hepatitis C Virus Genome Having Poor Homology ... of Four Distinct Genotypes', Virology, Vol. 188, pp 331-341 (1992)
	W	Regenmortel et al. Seventh Report of the International Committee on Taxonomy of Viruses; Virus Taxonomy - Classification and Nomenclature of Viruses, Academic Press, p 876 (2000)
	X	Sakamoto et al. "Entire Nucleotide Sequence and Characterization of a Hepatitis C Virus of Genotype V/3a", Journal of General Virology, Vol. 75, Pt 7, pp 1761-1768 (1994)
	Y	Shim et al. 'Canonical 3'-deoxyribonucleotides as a Chain Terminator for HCV NS5B RNA-dependent RNA Polymerase', Antiviral Research, Vol. 58, pp 243-251 (2003)
	Z	Takamizawa et al. 'Structure and Organization of the Hepatitis C Virus Genome Isolated from Human Carriers', Journal of Virology, Vol. 65, No. 3, pp. 1105-1113 (March 1991)
	AA	Tomei, et al. 'NS3 Is a Serine Protease Required for Processing of Hepatitis C Virus Polyprotein', Journal of Virology, Vol. 67, No. 7, pp 4017-4026 (July 1993)
	AB	Walker et al. 'HCV RNA-dependent RNA Polymerase as a Target for Antiviral Development', Current Opinion in Pharmacology, Vol. 2, pp 1-7 (2002)
	AC	Yamashita et al. 'RNA-dependent RNA Polymerase Activity of the Soluble Recombinant ...C-terminal Region', Journal of Biological Chemistry, Vol. 273, No. 25, Issue of June 19, pp 15479-15486 (1998)
/ZL/	AD	Yanagi, et al. 'Transcripts from a Single Full-length cDNA Clone of Hepatitis C Virus ... the Liver of a Chimpanzee', Proc. Natl. Acad. Sci. USA, Vol. 94, pp 8738-8743 (August 1997)

Examiner Signature

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Yanagi, et al. 'Hepatitis C Virus: An infectious Molecular Clone of a Second Major Genotype (2a) and Lack of Viability of Intertypic 1a and 2a Chimeras', *Virology*, Vol. 262, pp 250-263 (1999)

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